


03/07/02  
Jc860 U.S. PTO

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PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		<b>Attorney Docket</b> PTZ28C1	
		<b>First Inventor</b> Rosen et al.	
		<b>Title</b> Nucleic Acids, Proteins, and Antibodies	
		<b>Express Mail Label</b>	

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>	<b>ADDRESS TO:</b> Box Patent Application Commissioner for Patents Washington, DC 20231
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1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small> 2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small> 3. <input checked="" type="checkbox"/> Specification [Total Pages <b>436</b> ] <small>(preferred arrangement set forth below)</small> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <input type="text"/> 5. Oath or Declaration [Total Pages <b>5</b> ] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small> i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <small>Signed statement attached deleting          inventor(s) named in the prior application,          see 37 CFR 1.63(d)(2) and 1.33(b).</small> 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 (7 pages)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> a. <input checked="" type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input checked="" type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input checked="" type="checkbox"/> Statements verifying identity of above copies <b>ACCOMPANYING APPLICATIONS PARTS</b> 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Associate Power of <small>(when there is an assignee) Attorney</small> 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS <small>Citations</small> 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). <small>Applicant must attach form PTO/SB/35 or its equivalent.</small> 17. <input checked="" type="checkbox"/> Other: 1. Statement Under 37 C.F.R. § 1.821 2. Transmittal and Submission Under 37 C.F.R. §§ 1.824 and 1.52(e)
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18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/764,903

Prior application information: Examiner Clow, L. Group / Art Unit: 1631

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

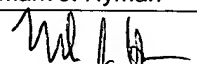
**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	<b>22195</b>	or <input type="checkbox"/> Correspondence address below
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Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type) <b>Mark J. Hyman</b>	Registration No. (Attorney/Agent) <b>46,789</b>
Signature 	Date <b>March 7, 2002</b>

PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2002</h2> <p style="margin: 0; font-size: small;">Patent fees are subject to annual revision.</p>		<b>Complete if Known</b>	
<input type="checkbox"/> Application claims small entity status. See 37 CFR 1.27		Application Number	Not Yet Assigned
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) <b>896.00</b>		Filing Date	Herewith
		First Named Inventor	Rosen et al.
		Examiner Name	Not Yet Assigned
		Group Art Unit	Not Yet Assigned
		Attorney Docket No.	PTZ28C1

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)																																																																																																																																																																																		
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <span style="border: 1px solid black; padding: 2px 20px;">08-3425</span> Deposit Account Name: <span style="border: 1px solid black; padding: 2px 40px;">Human Genome Sciences, Inc.</span> <b>The Commissioner is hereby authorized to: (check all that apply)</b> <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	<b>3. ADDITIONAL FEES</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left; font-size: small;">Large Entity</th> <th colspan="2" style="text-align: left; font-size: small;">Small Entity</th> <th rowspan="2" style="text-align: left;">Fee Description</th> <th rowspan="2" style="text-align: center;">Fee Paid</th> </tr> <tr> <th style="font-size: x-small;">Fee Code</th> <th style="font-size: x-small;">Fee (\$)</th> <th style="font-size: x-small;">Fee Code</th> <th style="font-size: x-small;">Fee (\$)</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge – late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge – late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a 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unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR 1.17(q)		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR 1.129(h))		179	740	279	370	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application	
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<b>SUBMITTED BY</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">Name (Print/Type) <b>Mark J. Hyman</b></td> <td style="width: 20%; border-bottom: 1px solid black;">Registration No. (Attorney/Agent) <b>46,789</b></td> <td style="width: 30%; border-bottom: 1px solid black;">Telephone <b>(240) 314-1224</b></td> </tr> <tr> <td style="border-bottom: 1px solid black;">Signature </td> <td style="border-bottom: 1px solid black;">Date <b>March 7, 2002</b></td> <td></td> </tr> </table>		Name (Print/Type) <b>Mark J. Hyman</b>	Registration No. (Attorney/Agent) <b>46,789</b>	Telephone <b>(240) 314-1224</b>	Signature	Date <b>March 7, 2002</b>		<b>Other fee (specify)</b> *Reduced by Basic Filing Fee Paid <b>SUBTOTAL (3)</b> (\$) <b>0.00</b>																																																																																																																																																																											
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\*\*or number previously paid, if greater; For Reissues, see above